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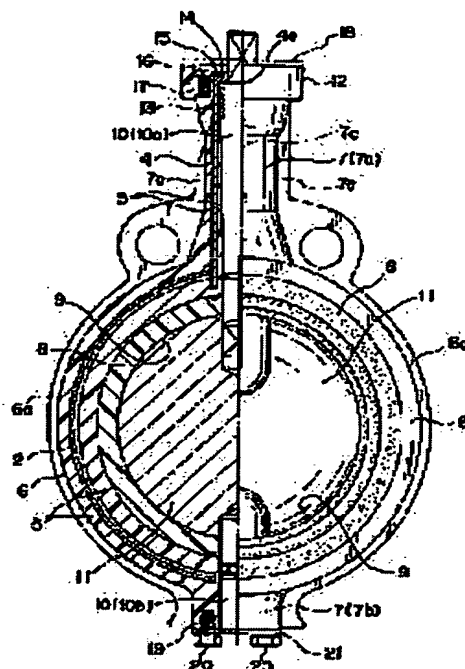
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## (54) BUTTERFLY VALVE AND ITS MANUFACTURE

## (57)Abstract:

PURPOSE: To reconcile excellent moisture condensation characteristic and high strength by installing a seat ring on the inner circumferential surface of a body, and inserting a stem provided on the radial direction of a disc approached to and separated from the seat ring to an insert part.

CONSTITUTION: The lower end part of a cylindrical body 4 is fixed to a mount hole bored on one side surface (upper surface) of a ring body 2 to provide a frame body. The frame body is covered with a resin over the inner and outer surfaces, whereby a cylindrical body 6 and a shaft insert part 7 are integrally formed, and a seat ring 8 is arranged on the inner circumferential surface of the body 6 to form a passage 9. A stem 10 is inserted to the shaft insert part 7, and a disc 11 is provided on the stem 10. Since a butterfly valve has a structure for supporting the disc by an upper stem 10a and a lower stem 10b, the shaft insert part 7 can be separated into a neck part 7a for providing the upper stem 10a and a bottom part 7b for providing the lower stem 10b. Thus, the moisture in the air is prevented from being condensed on the outer surface of the body 6 to generate waterdrops.



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